

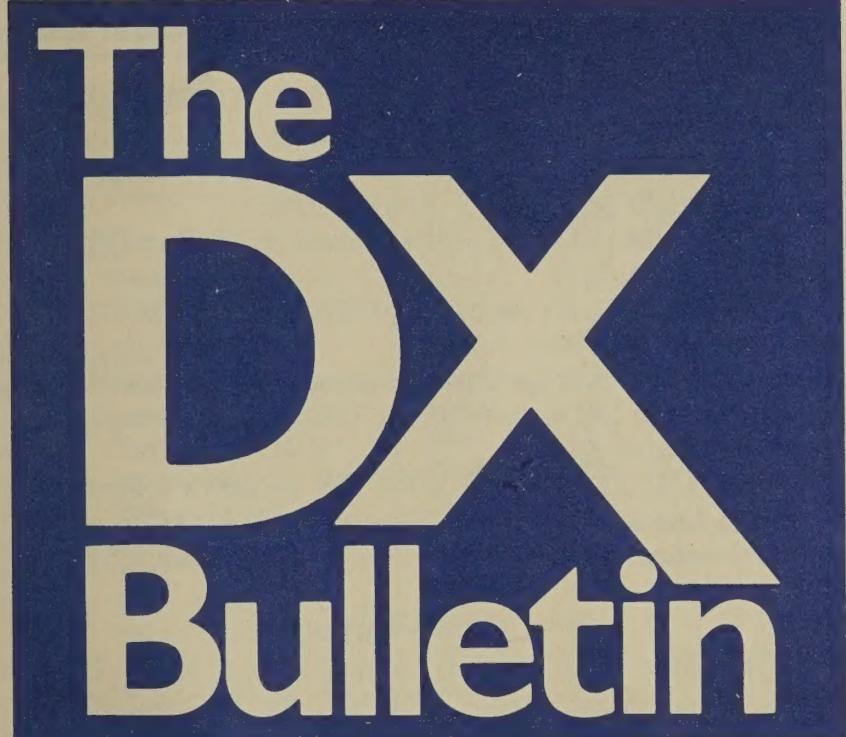
DXpedition News

Martinique - FM Dave Farnsworth WJ2O hits the DXpedition trail again July 11-16. He'll be active as **FM/WJ2O** on all bands, concentrating on CW on the new bands outside the IARU HF Championship July 13-14, where he will field a single-op. all-band, high-power entry. QSL via his home address: P. O. Box 16, McConnellsburg NY 13401.

Aruba - P4 Dennis AA7VB will be on Aruba July 11-16 operating as **P40Z**, including a single-op entry in the IARU HF test. Outside the contest, he'll take schedules for any band, as he will be operating from Carl Cook's P49V QTH. QSL via home callsign.

Papua New Guinea - P2 George P29WK is active for the next year. Try 7235 kHz at 05-0700Z and 14260 kHz at 1230Z.

Edited by Chod Harris VP2ML



Shortly Noted

- **FT5WE** on Crozet is often on 20 meters 05-0700Z, including the Anza net on 14164 kHz at 0500Z. He has made a few 80-meter contacts around the same time frame. He plans to operate in the IOTA contest as a multi-op with FT5WF.
- **FII5AM/FR** says he is on Glorioso Island for the next week. QSL to Manuel, P. O. Box 44, CP-97610 Dzaoudzi, Mayotte Island, via France.
- **FR5ZQ/T** is now active from Tromelin; QSL home call.
- **7Z5OO** is temporarily QRT for a trip back to the States. Mike returns to Saudi Arabia Sept. 16. QSL via W1AF.
- **DX Nets:** **14226.5 kHz:** CU3DH; **14247 kHz:** 4L7AA C6AGR 9H1ZE 7K5NI HP2CTM CU3AV YN5GIM 8R1Z 9H1RB.

July 5, 1996

Issue 846

Islands On The Air

- **DU2INT** is the expected callsign of Jim N3GKY from Babuyan Island (OC-092) July 12-20, SSB on 80-10 meters. QSL home call. (*DXNS*.)
- **GW6J** will be operated by the WestNet DX Group in the IOTA contest from Anglesey Island (EU-124). QSLs will be handled by GW4VEQ, who will QSL all contacts in the log via the bureau.
- **OR5RM/A** and **OZ/SM7KJH** will operate from Kattegat Island (EU-088) August 14-19; try the QRP frequencies on 80 and 20 meters. (*LNDX*.)
- **WB8YJF** will be active from Ocracoke Island (NA-067) July 27-Aug. 3, including the IOTA contest. QSL home call.
- **R0/UT8LL** is now scheduled to activate Ushakova Island, a New One for IOTA, for one day sometime in the July 25-Aug. 15 time frame.
- **5R8EN** is active from Nosy Be Island (AF-057) July 4-8. Outside of his work duties, he'll operate SSB and CW as **5R8EN/p**; QSL via F6AJA.
- **N4OT** will operate from Gwynn Island (NA-083) July 26-28, including a CW entry in the IOTA contest, with SSB before the test. He'll be on 80-10 meters, concentrating on CW on 40 and 20 meters. QSL home address: Andy Harris, 11981 William and Mary Circle, Woodbridge VA 22192-1314.
- **K1VSJ**: Howie is active from Martha's Vineyard (NA-046) through August, including an entry in the IOTA contest. This is Dukes County. QSL home address.
- **WQ5Y** and others will operate the IOTA contest from Mustang Island (NA-092).
- **KD8JN/4** will operate from Hatteras Island (NA-067) July 13-20, primarily on SSB with CW on request, 80-10 meters. QSL via the bureau or direct to Randall Phelps, 1226 Delverne Ave. SW, Canton OH 44710-1306.
- **NL7TB**, with N6IV and others, will again attempt to put the Barren Islands off the Alaskan coast on the air for the first time, July 5-8 on 20 and 40 meters, especially 14260 kHz. QSL via NL7TB; "SASE and a contribution is appreciated."
- **CQ2I** is the requested callsign for an IOTA contest operation from Insua Island (EU-150). The team will be on the island July 26-29, operating with their home calls portable outside the contest. QSL CQ2I via WA1ECA (Europeans may QSL via CT1EEB), direct or via the bureau system.
- **F5PAC** will be in the IOTA contest from Oleron Island (EU-032).
- **W2OB** will operate from the "Old Barney" Barnegat Lighthouse on Long Beach Island (NA-111) Aug. 10-11, 1300-0000Z. Try the bottom 25 kHz of the General-class phone bands and 28400 kHz. QSL via Joe Fleishinger NU2F, 75 Joshua Drive, Manahawkin NJ 08050 with SASE for a special QSL, or 9x12" SASE with two units of postage for a special certificate as well as a QSL card.

Propagation

Forecast and Historical Data

Day	Forecast	27 Days Before			55 Days Before				
		Date	Flux	A	K	Date	Flux	A	K
July, 1996		6/8	70	07/05	2	5/11	76	05/05	1
5	High Normal	6/9	70	05/04	2	5/12	73	04/06	2
6	High Normal	6/10	69	07/05	2	5/13	72	15/14	3
7	High Normal	6/11	68	05/04	2	5/14	71	13/13	3
8	High Normal	6/12	67	05/05	2	5/15	70	06/08	2
9	High Normal	6/13	68	03/03	1	5/16	71	12/10	3
10	Above Normal	6/14	68	02/04	1	5/17	71	10/12	1
11	High Normal	6/15	67	06/05	2	5/18	70	01/04	0
12	High Normal	6/16	67	05/05	1	5/19	68	04/05	2
13	High Normal	6/17	67	10/08	2	5/20	67	08/11	2
14	High Normal	6/18	68	06/05	1	5/21	66	12/11	2
15	High Normal	6/19	68	15/12	2	5/22	66	06/06	2
16	High Normal	6/20	70	09/06	2	5/23	67	05/05	0
17	High Normal	6/21	70	05/05	2	5/24	67	06/07	2
18	High Normal	6/22	70	03/04	2	5/25	67	09/08	1
19	Above Normal	6/23	69	04/03	1	5/26	67	07/07	1
20	Above Normal	6/24	72	07/07	3	5/27	67	08/10	2

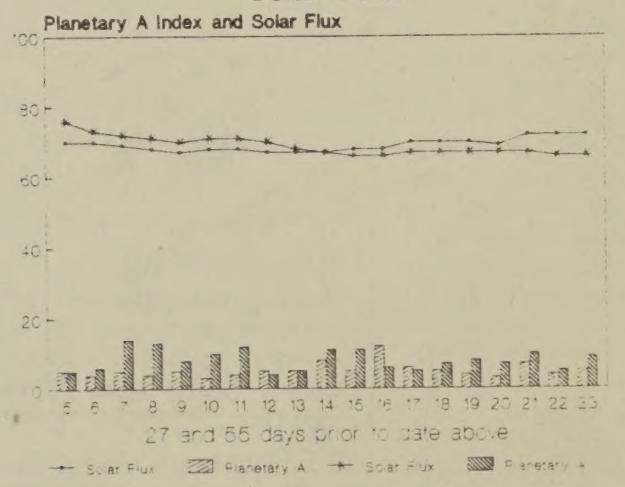
Propagation

Propagation remains stable, typical of the bottom of the sunspot cycle. Solar flux hovers around 70, near its theoretical minimum. This low level of solar activity limits propagation on the high band to north-south openings, but permits good openings on 20, 30, and 40 meters. Fortunately, the geomagnetic field has been very quiet, giving DXers some good long-path and high-latitude openings. Signals are not strong, but definitely workable.

The forecast is for more of the same, with no geomagnetic disturbances expected.

There were actually a couple of small sunspots on the sun last week, the first in some time. Unfortunately, these are Cycle 22 spots; no new Cycle 23 spots have been noted recently, suggesting that we still have a ways to go before we see a significant increase in solar activity. Meanwhile, east-coast DXers can look for eastern openings in the morning while west-coast DXers can work into Europe in the early evening. The westward long-path into eastern Africa in the morning is well worth checking. Good hunting!

Solar Data



DXCC Processing Status

The DXCC backlog is essentially gone. As of the end of June, the DXCC desk faced a mere 53 unprocessed applications with 5,559 cards, a couple of days worth. In June they received 328 applications with 22,176 cards and processed 414 with 30,041 cards, well off the pace of the previous month. Most computerized applications are being turned around in a couple of days.

QSL Information

- ZL8RI cards have arrived in New Zealand from Yaesu in Japan. Expected mailing date is July 29. The ZL8RI team will look at a possible Auckland-Campbell DXpedition in a few years.
- QSL T98BBF to OH2CI and T98TFA to LA5TFA.
- QSL XR1IX, 3G1X, and XQ1IDM via Nicolas Herrera G., P. O. Box 345, Antofagasta, Chile. This is a new address for Nick.
- QSL HI7/DL5PV via operator's home address: Frank Eichstaedt, Mussbecherstr. 7, D-67067 Ludwigshafen, Germany.
- QSL active IOTAer K2OLG via his new address: 1290 Yesica Ann #103, Naples FL 34110.
- QSL 4K2MAL direct to Chepur E. V. UR5MAL, P. O. Box 23, Krasnodon 349349, Ukraine.
- QSL 3A/IK1QBT to Tony Gallo, Via Capo S. Spirito 1/16, I-17020 Borghetto S. Spirito, Italy.
- QSL 3A/IK1HLG via Frank Imbesi, P. O. Box 155, I-17025 Loano, Italy.
- QSL 3A/IK1CJO via Mauro Ferrua, P. O. Box 41, I-17031 Albenga, Italy.
- For airmail postage from Germany, DXers should include US\$2 or two IRCs; one IRC or US\$1 is not enough for airmail return postage.
- QSL J45DZX from the WPX CW contest via operator Goran Lundell SM0CMH, Elgovagen 11, S-133 36 Saltsjobaden, Sweden, direct or via the Swedish bureau.

Contributors

This Issue made possible by: AA7VB, CT1EEB, DK9IP, DXNS, EA3BHK, F6AJA, IK1QBT, JR5JAQ, K1HDO, K1VSJ, K1VUT, K2OLG, K3UOC, K4BAI, K4II, K5FUV, K5OVC, K6IR, K6LEB, K6MD, K7ABV, K7PXV, KB4VHW, KD8JN, KG6I, KM9J, LASTFA, N2GLH, N2LEB, N2OO, N9LAG, NI6T, SM0CMH, W1BFT, W1WA, W4VQ, W7AYY, W7CNL, W9DC, W9HAO, WA6BXH, WB3ECU, WB8ZRL, WD8MGQ, WJ2O, WL7MY, WO6R, WQ5Y, WU6T, XQ1IDM, ZL2TT, and WU6T. Many thanks!

QSLs Received

- From managers: 3V8BB (DL2OBF, 7 MOS); 4L5O (TA7A, 7 MOS); 9J2BO (W6ORD, 5 DAYS!); F05VO (N6VO, 6 DAYS!); HC8N (AA5BT, 2 MOS); J56CK (I4LCK, 2 MOS); JH1MAO/JD1 (JH1MAO, 2.5 YRS!); R1MVI (OH2BU, 9 MOS); S02R (EA2JG, 3 MOS); TG/KA9FOX (N9ISN, 14 WKS); VK9CR (DK7NP, 11 WKS); VK9XY (DK7NP, 6 WKS); XU6WV (K0TLM, 2 MOS).
- Direct: 4X1FQ (11 DAYS!); FY5GF (1 MO); KH8/N5OLS (3 WKS); OY1CT (2 WKS!); RV0AM (4 MOS).
- Bureau: 7Q7JA (5 YRS!).

B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20

Digimodes

9K2HN	14089	0013	23	FL
HP1XBH	14085	0037	25	FL
JX7DFA	14089	0025	29	FL
KG4AU	14089	0021	19	FL
KG4MN	14088	0002	23	FL
SØRASD	14090	2236	25	FL
S57KW	14083	0003	25	FL
TG9AXB	14088	0025	26	FL
UN5PL	14089	0112	22	FL
UR5MID	14083	2111	27	FL
UU2JQ	14084	2349	22	FL
ZP5ALI	14082	2232	25	FL

160 Meters

EI5HE	1832	0320	21	SC
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80 Meters

LU2DSL	3506	0139	22	FL
OM5TD	3506	0230	22	NH

75 Meters

FK8HC	3799	1045	26	IA
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40 Meters

9J2BO	7001	0520	27	IA
9M2JJ	7009	1312	24	CA
9M8BC	7006	1341	19	MT
9Y4VU	7009	0325	26	NH
BV6GO	7006	1242	21	MT
BV7FC	7007	1310	24	CA
C02MA	7010	0320	26	NH
EA6NB	7002	0440	21	CA
EA9UG	7002	0040	30	IA
EU3FT	7004	0040	20	NH
FK8HC	7008	118	22	FL
FT5WE	7005	1300	24	CA
HJØVGJ	7007	0451	20	CA
KP3A	7004	0250	28	IA
ON4ANT	7004	0328	22	CA
YC9XR	7010	1353	19	MT
ZL1ALZ	7025	0930	22	NH
ZS8IR	7004	1303	19	CA

30 Meters

3B8CF	10102	0320	20	SC
4X1FC	10101	0259	20	SC
5B4OG	10120	0140	21	MD
5N3/	10104	2216	16	GA
SP5XAR				
9A3LE	10123	0031	21	MD
9M2TO	10100	1405	22	CA
EU7SA	10102	0208	20	GA
FP5EJ	10102	2307	20	GA
LY2BR	10104	0242	18	SC
OY1CT	10102	2307	20	GA
RA2FS	10111	0302	25	SC
SV2AVP	10101	0342	18	SC

TI4CF	10102	0111	16	GA
UA2FL	10104	0031	16	GA
UY8LL	10105	0051	21	MD
Z32ZM	10103	0050	23	FL
ZD8DEZ	10101	2312	17	SC

20 Meter CW

4J3M	14002	2340	26	WA
4Z4DX	14024	0031	14	ID
5N3/	14028	1952	15	GA
SP5XAR	14002	2214	21	WI
5R8EN	14016	0500	14	ID
7X2FK	14028	2320	19	NH
9A8A	14018	1957	24	SC
9K2MU	14016	0229	28	FL
9K2MU	14004	1730	18	NH
9M8HN	14006	1203	20	MD
9N1ARB	14020	0155	27	IA
9Q5HX	14001	1928	17	NH
9U5CW	14018	2007	21	MD
9V1ZV	14009	1529	22	CA
AP2AZB	14029	2255	24	NY
BV5GT	14016	1331	12	MD
BV7FD	14022	0911	18	CA
BV9AAC	14014	1230	24	IA
E21CJN	14022	1451	21	IL
EA8CN	14040	2251	16	GA
EKØAK	14024	0500	22	ID
EP2ASZ	14024	2136	18	WI
ES2RW	14021	0029	25	FL
EW3LB	14021	2220	18	GA
EX8DX	14016	0106	29	FL
EX8F	14021	1210	24	IA
FM5FJ	14014	2308	19	NH
FM5FW	14019	2125	27	FL
FY5YE	14004	2005	24	CA
GB800SA	14031	2316	19	SC
HC2BL	14035	0012	24	NY
HR1LW	14034	2248	16	GA
HSØZAA	14019	1338	26	WA
OX3LK	14010	2303	19	NH
PZ1DY	14028	1500	17	ID
PZ1DY	14036	2154	24	NY
RA2FBC	14030	2334	14	GA
RU9J	14009	0129	16	AZ
RV3DB	14013	0343	18	AZ
SV1BYN	14009	2220	18	ID
SV2BOH	14009	2302	19	NH
T94YT	14031	2233	18	GA
TA2AH	14010	2132	18	WI
TA2BD	14038	2120	15	GA
TG9AQ	14028	2229	24	NY
TI2PRS	14020	1758	21	NY
UAØQDV	14006	0400	20	NH
UAØZC	14022	1452	21	IL
UA3AFS	14010	0355	18	AZ
UA6HCW	14021	0351	18	AZ
UN7JX	14012	0142	16	AZ
UN8RWB	14016	0142	21	CA
UR5FAA	14028	2242	24	NY
US8IR	14025	2000	21	NH
UX3IW	14005	0527	24	CA
V31IAK	14029	0020	20	NH
V31RA	14024	0057	29	FL

VU2AVG	14014	0137	21	CA
VU2BK	14027	0158	14	GA
XV7SW	14021	1545	27	IA
YC8RGL	14021	0905	18	CA
YL2MR	14016	2116	27	FL
Z350ET	14005	2305	18	ID
ZL2AGY	14025	0500	22	IL
ZS8IR	14029	0315	18	SC
ZS8IR *	14005	0847	18	CA

20 Meter SSB				
3V8BB	14261	0030	13	MD
3V8BB	14161	2122	17	WI
4F4IX	14240	1001	17	AR
4L5A	14200	0310	26	IA
4S7EA	14185	1450	19	WA
4X4BN	14214	0415	21	MT
4Z4LF	14208	0336	22	CA
5R8EN	14164	0403	15	WI
5W1FC	14250	0429	20	WI
7X2BK	14214	0029	22	MD
7X2LS	14227	2150	19	MT
9G1NS	14186	2114	23	MD
9G5CA	14244	1030	30	IA
9K2HN	14260	2354	15	WI
9K2MU	14190	0221	13	WI
9K2NG	14226	1804	19	NH
9M8DB	14200	1020	15	AR
9M8HIM	14240	1052	14	AR
9N1ARB	14222	1500	20	MT
9N1RHM	14190	0237	14	MD
9Q5TR	14188	2315	29	IA
A41LD	14260	1930	19	WI
A45ZX	14223	0547	21	CA
A61AN	14240	2200	20	WI
A71BH	14198	0400	21	MT
A71BY	14192	2138	13	WI
A71DX	14195	0323	20	WA
A71DX	14190	1902	18	NH
A71EM	14198	0358	21	MT
A71EM	14183	1935	21	MD
A92FZ	14208	0330	25	IA
AH8K	14193	0414	23	CA
BV5BG	14197	1310		

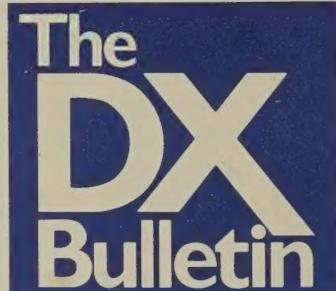
Current and Future DXpeditions

(Changes and hot info in boldface.)

DXCC Country	Prefix	Callsign	Dates	Issue
Aland Islands	OH0	OH0NJV/MHT	July 22-26	I843
		OH0/HB9BCK	July 13-23	I844
American Samoa	KH8	K8s/	July 19-24	I844
		N5OLS/KH8	now active	I844
Antigua	V2	V26B	IARU HF	I844
Aruba	P4	P40Z	July 11-16	I846
Ascension Island	ZD8	ZD8DEZ	May-Dec.	I835
		ZD8Z	July 9-17	I844
Belau	KC6	KC6JJ/BP	July 10-12	I845
Comoros	D6	DLs	Aug. 22-Sept. 5	I840
Corsica	TK	/IK3JYE	Sept. 2-8	I843
Crozet	FT	FT5WE	3505 14Z	I845
		FT5WE	14164 0500Z	I846
Cyprus	SB4	/DL5MX	July 18-31	I843
Faroes	OY	/SM0DSF	June 22-July 6	I844
		OY/SM6RXS	to July 9	I845
Glorioso	FR	FH5AM/	now active	I846
Greenland	OX	/G3WUX	July 10+	I843
Guinea-Bissau	J5	J52IM?	July+	I844
Isle of Man	GU	/PA3GIO	July 5-17	I838
Jan Mayen	JX	JX7DFA	now active	I837
Lebanon	OD/	F5PWJ	back again	I845
Liechtenstein	HB0	Fs	July 13-19	I840
		DLs	July 14-27	I841
		HB0/PI4TUE	July 7-16	I845
Luxembourg	LX	/F6ELE	July 13-20	I844
Madagascar	5R	5R8EN/p	July 4-8	I846
Malta	9H	9H3UF/D	July 22-Aug. 9	I841
		9H3IE+	June 23-July 6	I844
Marion Island	ZS	ZS8IR	14195 10-1200Z	I844
Martinique	FM	/WJ2O	July 11-16	I846
Micronesia	V6	V63CK/CF	July 4-9	I845
Minami Torishima		JG8NQJ/JD1	July 15+	I841
Nepal	9N	9N1RHM	14208/226 0130Z	I839
Papua New Guinea	P29WK		now active	I846
Philippines	DU	DU1INT	July 12-20	I846
Sable Island	CY0	WA4DAN+/	Oct. 1-8	I834
Saudi Arabia	HZ	7Z5OO	QRT to Sept.	I846
South Cook Islands	ZK1AAU+		July 11-20	I842
Sovereign Bases	ZC4	ZC4EKJ	July 4-20	I845
Sri Lanka	4S	4S7BRG	June 7-Sept. 2	I842
		4S7EA	14190 1515Z	I842
Tromelin	FR/T	FR5ZQ/T	now active	I846
Wales	GW	GW6J	IOTA test	I846
Western Samoa	5W	5W0TR+	July 24-29	I845
		5W1PC	now active	I845
Zaire	9Q	9Q2L	back soon	I844

Resident Amateurs on Regularly

DXCC Country	Callsign	Freq.	UTC
Ascension Island	ZD8DEZ	14191	1830Z+
Belarus	EW3LB	14025±	2230Z
Belarus	EU7SA	10104±	0200Z
East Malaysia	9M8HIM	14243±	1100Z+
India	VU2BK	14024±	0200Z Fri.
Indonesia	YB3OSE	14164	0530Z
Kuwait	9K2MU	14016/04	0230Z, 1730Z
Kuwait	9K2MU	14164	02-0400Z
Macedonia	Z350ET	14005	23-0300Z
Madagascar	5R8EN	14164	0400Z
Marion Island	ZS8IR	14195	08-1100Z
Philippines	DU1SAN	14195	11-1300Z
Qatar	A71DX	14190±	19-2200Z



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San Andrés	HK0OEP	20M SSB	0030Z
Vanuatu	YJ8AA	14164	0500Z

DX Operating Events and DX Gatherings

July 13-14	IARU HF/WRTC '96
July 13-14	BARTG Amtor/Pactor Contest
July 19-21	Northwestern DX Convention
July 20-21	DARC HF RTTY Contest
July 27-28	IOTA Contest
Aug 3-4	Romanian DX Contest
Aug. 17-18	SARTG WW RTTY Contest
Aug. 30-31	New Orleans DX Convention
Sept. 7	W9DXCC Convention